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ABSTRACT

A transparent thin-film solar-cell module having high output, high light transmittance, and excellent appearance, the module including a plurality of photoelectric conversion cells connected in series, the cells containing a first electrode layer, a semiconductor layer, and a second electrode layer stacked in that order on a main surface of a transparent insulating substrate; and a plurality of light-transmissive aperture holes formed by removing at least the second electrode layer, the light-transmissive aperture holes each having a diameter of 30 μm to 500 μm , the plurality of light-transmissive aperture holes being disposed in a line at a distance between the centers of the light-transmissive aperture holes of 1.01 to 2 times the diameter of each light-transmissive aperture hole, and a method for producing the module.